

Component			Source
Service	Function	Sub-Function Requirement	
External Information Source(s)			
AM	MUSA	AUA	
		4.2.1 .066.a	Provider profile information shall be validated with external information sources (e.g., DMV for Derived moving violations, etc.)
IM	MIRP	CRI	
		6.2.3.001	Incidents shall be classified based on incident data. GGO 20.10.1
	DAI	6.2.1.001	Incidents shall be detected and incident data collected for planned (predicted) incidents. USR 1.7.1, 1.7.1.1, 1.7.1
		6.2.1.002	Incidents shall be detected and incident data collected for unplanned incidents. USR 1.7.1, 1.7.1.2,4.5.1
		6.2.1.004	Incidents shall be detected using incident data collected from media sources. USR 1.7.1.1.1, 1.7.1.2.1
		6.2.1.005	Incidents shall be detected using incident data collected from weather information sources. USR 1.7.1.1.1, 1.7.1.2.1
		6.2.1.007	Incidents shall be detected using incident data collected from sponsors of special events. USR 1.7.1.1.1
		6.2.1.009	Incidents shall be detected using incident data collected from travelers. MnE 5.1.2, USR 1.7.1.2.
		6.2.1.012	Incident data shall be detected using incident data collected via environmental sensors. USR2.4.2.1,5.1.1.1,5.1
		6.2.1.014	Incidents shall be detected using incident data collected via telephone. USR 2.4.4.1
		6.2.1.018	Incident data shall include type of incident classification. USR 1.7.1.1.2, 1.7.1.2.2,
		6.2.1.019	Incident data shall include location. USR 1.7.1.1.2, 1.7.1.2.2,
		6.2.1.020	Incident data shall include severity. USR 4.5.1.2
		6.2.1.021	Incident data shall include time of occurrence. USR 4.5.1.2

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TC	PTCS	6.2.1.026	Incident detection shall be available 24 hours/day, 7 days/week.	Derived
		MMR		
		6.2.2.023	Service usage data shall be stored for each mayday request. (Rationale: This is required so that service features usage can be logged for billing, and so that usage levels can be monitored and analyzed.).	Derived
	MTCP	5.1.2.016	Traffic control plans shall address requirements for optimizing traffic movement across multiple jurisdictions.	USR 1.6.1.2
		5.1.2.017	Traffic control plans shall address requirements for optimizing traffic movement throughout large geographic areas.	USR 1.6.1.3
TCI	MTCD	CTCD		
		1.1.2.013	Weather conditions shall be collected.	Derived
		1.1.2.017	Road surface conditions shall be collected from other systems.	Derived
		1.1.2.019	Planned event information shall be collected from humans	Derived
		1.1.2.020	Planned event information shall be collected from other systems.	Derived
		1.1.2.023	Travel conditions source data shall be accepted for input in to the system via voice.	Derived
		1.1.2.024	Travel conditions source data shall be accepted for input in to the system via fax	Derived
		1.1.2.025	Travel conditions source data shall be accepted for input into the system via paper copy	Derived
		1.1.2.026	Travel conditions source data shall be accepted for input into the system via magnetic medium	Derived
		1.1.2.029	Travel conditions source data shall be accepted into the system via electronic entry. (ITS standard format).	Derived

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	1.1.2.029.a	Travel conditions source data shall be accepted into the system when in NTCIP format.	Derived
	1.1.2.029.b	Travel conditions source data shall be accepted into the system when in ITIS BAP format.	Derived
	1.1.2.030	Travel conditions source data shall be accepted into the system via electronic entry. (ITS non-standard format)	Derived
	1.1.2.036	Condition start time shall be assigned when travel conditions source data is generated.	Derived
	1.1.2.037	Condition stop time shall be assigned to travel conditions source data.	MnE 2.2,2.6.2, 1.5.3, 1.
	1.1.2.038	Expected duration shall be assigned when travel conditions source data is generated.	MnE 2.2, 2.6.2, 1.5.3, 1.
DBTC TE			
	1.1.3.007	Link reference model data shall be stored and maintained.	Derived
	1.1.3.024	Weather conditions shall include rain.	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.025	Weather conditions shall include snow.	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.026	Weather conditions shall include fog.	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.027	Weather conditions shall include clear weather.	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.028	Forecast weather conditions shall be maintained.	MnE 1.1.2, 1.6.1,2.5,2.
	1.1.3.029	Road surface conditions shall include dry pavement.	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.030	Road surface conditions shall include wet pavement.	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.031	Road surface conditions shall include flooded pavement	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.032	Road surface conditions shall include snow covered pavement	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.033	Road surface conditions shall include icy pavement.	MnE 1.1, 1.4.1, MnA 1.
	1.1.3.034	Road surface conditions shall include plowed pavement	MnE 1.1, 1.4.1, MnA 1.

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TFM	MTCI	1.1.3.03s Road surface conditions shall include salted pavement.	MnE 1.1, 1.4.1, MnA 1.
		1.1.3.036 Road surface conditions shall include sanded pavement.	MnE 1.1, 1.4.1, MnA 1.
		1.1.3.037 Forecasted road surface conditions shall be maintained.	Derived
		1.1.3.038 Planned event information shall include current construction and maintenance.	USR 5.2.2.1, 1.1.2.1.1,
		1.1.3.041 Planned event information shall include special events.	USR 5.2.2.1, 1.1.2.1.1,
		1.1.3.042 Future planned event information such as future construction and maintenance shall be maintained.	MnE 1.6.1,2.5,2.5.1,2.
		1.1.3.043 Future planned event information such as upcoming special events/event schedules shall be maintained.	MnE 1.6.1,2.5,2.5.1,2.6,
	DTTC		
		1.2.3.044 The ability to enter trip alternative rules shall be provided.	Derived
PFO	MFO		
	MTA		
	7.2.1.02 1.a	Personnel assignments shall be updated based on driver license expiration data obtained from an external information source.	MCTO 4/24/96- 11
	7.2.1.02 1.b	Personnel assignments shall be updated based on drug/alcohol test results obtained from an external information source.	MCTO 4/24/96- 11
	7.2.1.02 1.c	Personnel assignments shall be updated based on driver history obtained from an external information source.	MCTO 4/24/96- 11
	7.2.1.02 1.d	Personnel assignments shall be updated based on moving violations data obtained from an external information source.	MCTO 4/24/96 - 11
	PFR		

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TPD		MTPD	DR	7.1.1.012	Fixed/Flexible Routes planning shall access airport flight times and airport access road traffic patterns to facilitate airport passenger service.	MCTO 4/24/96 - 19
				7.1.1.013	TRANSIT ROUTEs shall be determined using a standard LINK REFERENCE MODEL.	Derived
				2.1.2.024	Link reference model data shall be accepted from multiple sources including information service providers.	Derived
TSI		MTSD	CTS	3.1.1.001	Traveler services source data shall include restaurant data.	MnE 6.1.1, USR 1.5.2.2
				3.1.1.002	Traveler services source data shall include lodging/camping data.	MnE 6.1.2, USR 1.5.2.2
				3.1.1.003	Traveler services source data shall include fuel/vehicle services data.	MnE 6.1.3, USR 1.5.2.2
				3.1.1.004	Traveler services source data shall include emergency medical facilities data.	MnE 6.1.4, USR 1.5.2.2
				3.1.1.005	Traveler services source data shall include tourist sight data.	MnE 6.1.5, USR 1.5.2.2
				3.1.1.006	Traveler services source data shall include planned event data.	MnE 6.1.6, USR 1.5.2.2
				3.1.1.007	Traveler services source data shall include entertainment data.	MnE 6.1.7, USR 1.5.2.2
				3.1.1.008	Traveler services source data shall include shopping data.	MnE 6.1.8, USR 1.5.2.2
				3.1.1.009	Traveler services source data shall include airline data.	MnE 6.1.9, GGO 10.5.2
				3.1.1.010	Traveler services source data shall include rental vehicle data.	MnE 6.1.1
				3.1.1.011	Restaurant data shall be accepted from restaurant guides.	USR 1.5.1, 1.5.1.2, 1.5.1
				3.1.1.012	Restaurant data shall be accepted from travel guides.	USR 1.5.1 1.5.1.2, 1.5.1

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	3.1.1.013	Lodging/Camping data shall be accepted from hotel/motel guides.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.014	Lodging/Camping data shall be accepted from camping guides.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.015	Lodging/Camping data shall be accepted from travel guides.	USR 1.5.1 1.5.1.2, 1.5.1
	3.1.1 .016	Fuel/vehicle services data shall be accepted from travel guides.	USR 1.5.1 1.5.1.2, 1.5.1
	3.1.1 .017	Emergency medical facilities data shall be accepted from multiple sources.	USR 1.5.1 1.5.1.2, 1.5.1
	3.1.1.018	Tourist sight data shall be accepted from travel guides.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.019	Tourist sight data shall be accepted from tourist agencies.	USR 1.5.1, 1.5.1.2 1.5.1
	3.1.1.020	Tourist sight data shall be accepted from chambers of commerce.	USR 1.5.1, 1.5.1.2 1.5.1
	3.1.1.021	Planned event data shall be accepted from event planners.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.022	Planned event data shall be accepted from tourist agencies.	USR 15.1 1.5.1.2, 1.5.1
	3.1.1.023	Planned event data shall be accepted from travel guides.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.024	Entertainment data shall be accepted from travel guides.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.025	Entertainment data shall be accepted from tourist agencies.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.026	Shopping data shall be accepted from travel guides.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.027	Shopping data shall be accepted from chambers of commerce.	USR 1.5.1 1.5.1.2, 1.5.1
	3.1.1.028	Shopping data shall be accepted from tourist agencies.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.029	Airline data shall be accepted from airlines.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.030	Airline data shall be accepted from travel agencies.	USR 1.5.1, 1.5.1.2, 1.5.1
	3.1.1.031	Rental vehicle data shall be accepted from rental car companies.	USR 1.5.1, 1.5.1.2, 1.5.1

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	3.1.1.032	Rental vehicle data shall be accepted from travel agencies.	USR 15.1, 1.5.1.2, 1.5.1
	3.1.1.043	Traveler services source data shall include recreational areas data.	Derived
	3.1.1.046	Recreational areas data shall be accepted from travel guides.	Derived
	3.1.1.047	Recreational areas data shall be accepted from tourist agencies.	Derived
MTTS			
MR			
	3.2.3.001	Users shall be able to make reservations for dining.	MnE 6.4, USR 1.5.2.3
	3.2.3.002	Users shall be able to make reservations for lodging.	MnE 6.4, USR 1.5.2.3
	3.2.3.003	Users shall be able to make reservations for airline flights.	MnE 6.4
	3.2.3.004	Users shall be able to make reservations for rental vehicles.	MnE 6.4
	3.2.3.005	Users shall be able to make reservations for special events.	MnE 6.4
	3.2.3.006	Users shall be able to make reservations for entertainment.	MnE 6.4
	3.2.3.007	A reservation/ticket request shall be sent to the traveler service provider for processing.	Derived
	3.2.3.008	A reservation/ticket confirmation shall be received from the traveler service provider.	Derived
	3.2.3.009	Users shall be allowed to purchase tickets for events, entertainment, tourist sites.	USR 1.5.1.4
	3.2.3.010	Users shall be allowed to purchase airline tickets.	Derived
	3.2.3.011	Users shall be allowed to make deposits for lodging reservations.	USR 1.5.1.4